

6-21-01

National Aeronautics and
Space Administration

Patent



10/02/90
06/20/01
1C978 U.S. PAT.
09/888631

Headquarters
Washington, DC 20546-0001

06/20/01
1C978 U.S. PAT.
PTO

NASA Docket No. NPO-20148-2-CU

Class Subclass

Prior Application: 09/310,774

Examiner Cleveland, Michael Art Unit 1775

THE COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, DC 20231

Sir:

This is a request for filing a ☐ continuation, ☒ divisional application under 37 CFR 1.60
of prior application, Serial No. 09/310,774, filed on (Date) May 3, 1999

for (Title of invention) PROTECTIVE FULLERENE (C60) PACKAGING SYSTEM FOR
MICROELECTROMECHANICAL SYSTEMS APPLICATIONS

by the following named inventor(s):

FULL NAME OF INVENTOR	FAMILY NAME Olivas	FIRST GIVEN NAME John	SECOND GIVEN NAME D.
RESIDENCE & CITIZENSHIP	CITY Redondo Beach	STATE OR FOREIGN COUNTRY California	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	STREET NUMBER AND NAME 1212 Harper Avenue	CITY Redondo Beach	STATE AND ZIP CODE/COUNTRY California 90278
FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
POST OFFICE ADDRESS	STREET NUMBER AND NAME	CITY	STATE AND ZIP CODE/COUNTRY
FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
POST OFFICE ADDRESS	STREET NUMBER AND NAME	CITY	STATE AND ZIP CODE/COUNTRY

☒ 1. Enclosed is a copy of the prior application, including the specifications, claims, drawings and declaration as originally filed. I hereby certify that the attached papers are a true copy of prior application, Serial No. 09/310,774, as originally filed on May 3, 1999, and further that this statement was made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

☒ 2. Cancel in this application original claims 1-5 of the prior application before calculating the filing fee. (At least one original independent claim must be retained for filing purposes.)

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- ☒ 3. A preliminary amendment is enclosed. (Claims added by this amendment have been properly numbered consecutively beginning with the number next following the highest numbered original claim in prior application.)

The filing fee is calculated on the basis of claims existing in the prior application as amended at 2, above.

FOR (1)	CLAIMS NUMBER		RATE (4)	CALCULATIONS (5)
	FILED (2)	EXTRA (3)		
TOTAL CLAIMS — — — —	7 -20 =		x 18.00 =	0
INDEPENDENT CLAIMS — — — —	3 -3 =		x 80.00 =	0
MULTIPLE DEPENDENT CLAIMS (If applicable) — — — — — — — —			+	0
BASIC FEE — — — — — — — — — — — — — —			+	\$710.00
TOTAL =				\$710.00

- ☒ 4. The Commissioner is hereby authorized to charge any fees which may be required to effect only the filing of this application under 37 CFR 1.16 or credit any overpayment to Deposit Account No. 14-0116

- ☒ 5. Amend the specification by inserting before the first line the following sentence:

"This application is a ☒ division, ☐ continuation of application Serial No. 09/310,774 filed May 3, 1999."

- ☒ 6. New formal drawings are enclosed.

- ☒ 7. The prior application is assigned of record to:

U.S. Government as Represented by
the Administrator of the National
Aeronautics and Space Administration

- ☒ 8. The Power of Attorney in the prior application is to (Name and registration number):

Gary Borda 35,455

John G. Mannix 27,254

John H. Kusmiss, Reg. No. 32,149

Thomas H. Jones 18,820

- ☐ 9. A Power of Attorney is enclosed.

- ☒ 10. Also enclosed: Form PTO-1449 Pages 1-2

Address all future communications to (Name, address and telephone number):

John H. Kusmiss
NASA Management Office - JPL
4800 Oak Grove Drive, M/S 180-801
Pasadena, CA 91109-8099

Telephone: (818) 354-7770

June 20, 2001

(Date)

John H. Kusmiss

(Signature - Attorney of Record) (Registration Number)

John H. Kusmiss 32,149

Address of Signator:

NASA Management Office - JPL
4800 Oak Grove Drive, M/S 180-801
Pasadena, CA 91109-8099

Filed under Rule 37 CFR § 1.34(a)

CERTIFICATE OF MAILING BY "EXPRESS MAIL"
UNDER 37 CFR 1.10 - SEPARATE PAPER -

DOCKET NO.
NPO- 20148-2 -1-CU

In Re Application of:

Serial Number _____ Filed _____

For: PROTECTIVE FULLERENE (C60) PACKAGING SYSTEM FOR
MICROELECTROMECHANICAL SYSTEMS APPLICATIONS

Group Art Unit _____ Examiner _____

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to the Assistant Commissioner for Patents, Washington, D.C., 20231.

I hereby certify that the following were placed in the envelope by me and are enclosed herewith for filing of the Patent Application:

- ☒ Transmittal Letter (Original & 1 copy)
- ☒ Information Disclosure Statement (~~pages~~)
with PTO Form 1449 (1-2 pages) and 14 Patents
and Articles (if applicable)
- ☒ Specification (15 pages including 6 pages of Claims),
Abstract (1 page), and Drawings (2 Sheets, Figures 1-7)
- ☒ Declaration and Power of Attorney (Original) ~~(Duplicate Original)~~ (Copy)
- ☐ Assignment by Inventor to Caltech (Original) and
Transmittal Letter (Original & 1 copy)
- ☐ Assignment by Caltech to NASA (Original) and
Transmittal Letter (Original & 1 copy)
- ☒ Return Postcard (1)
- ☒ REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)

"Express Mail" mailing label number: EK437904889US

Date of Deposit: June 20, 2001

John H. Kusmiss

John H. Kusmiss, 32,149
818-354-7770

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**REQUEST AND CERTIFICATION
UNDER
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor John D. Olivas

Title PROTECTIVE FULLERENE (C60) PACKAGING SYSTEM FOR
MICROELECTROMECHANICAL SYSTEMS APPLICATIONS

Atty Docket Number NPO-20148-2-CU

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

June 20, 2001

Date

John H. Kusmiss

Signature

John H. Kusmiss

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application upon filing.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(III)).

Burden Hour Statement: This collection of information is required by 37 CFR 1.313(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.54. This form is estimated to take 8 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.